

AMENDMENTS IN THE TITLE:

LASER DRIVING DEVICE, OPTICAL HEAD COMPRISING INCORPORATING LASER
DRIVING DEVICE, AND OPTICAL DISK ~~DEVICE~~ APPARATUS

(Title is correct on English translation)

AMENDMENTS IN THE SPECIFICATION:

Page 34, Lines 11 and 17 (Paragraph beginning thereat):

The voltage control section **22** supplies a source voltage **V_c** to the laser driving section **20**. The source voltage **V_c** is a voltage which is necessary for driving the laser driving section **20** and the semiconductor laser **1**. More specifically, in accordance with the temperature which is detected by the temperature detecting section **21**, the voltage control section **22** adaptively changes the voltage **V_c** to be supplied to the laser driving section **20**. The voltage control section **22** controls the voltage **V_c**, at a relatively low temperature, so as to be increased, and controls the voltage **V_c**, at a relatively high temperature, so as to be decreased.

Page 36, Line 20 and Page 37, Lines 2 and 6 (Paragraph beginning thereat):

In the present embodiment, by taking these facts into consideration, the voltage control section **22** operates in accordance with the temperature which is detected in the temperature detecting section **21**, as follows. At a high temperature, the voltage control section **22** controls the output voltage **V_c** so that a voltage **V_c** obtained as

$$V_c = V_{opH} + V_{tr} \quad (\text{Formula 3})$$

is supplied to the laser driving section **20**. In formula 3, "V_{tr}" is a voltage which is necessary for the laser driving section **20** to operate. Similarly, at a low temperature, the voltage control section **22** controls the output voltage **V_c** so that a voltage **V_c** obtained as

$$V_c = V_{opL} + V_{tr} \quad (\text{Formula 4})$$

is supply to the laser driving section **20**. Specific examples of these voltage values are: V_{opH}=4.5V, V_{opL}=6.5V, V_{tr}=2V.